Clinton Taylor

278

flowering

5-7

June 1st 1879

Observations about the time of flowering of cultivated Grapes
made in his vinyards 4 miles south of Mascoutah, by Theo Engelmann

	1874	1875	1876	1878	1879	1863	1864	1865	1866	1873
Riparia		May 20	May 16	April 19	May 12		The cold New years night killed all			May 20
Clinton	May 23	May 28.			" 20				May 20	26
Taylor	May 23		Mai 21		" 21				" 23	27
Concord	May 28	June 3	May 22		" 23	May 24		May 27	" 24	30
Catawba	May 31							" 30	" 26	
Virginia Seedling					" 31	27		June 12	June 10	
Herbemont	June 5									

Mean of 6 years 1869–74
beginning of bloom at Adolf Engelmann

Riparia 21 May
Labrusca 22–27 May

Clinton, Taylor
Concord 22 May
Hartford Prolif 23 "
Ives 25 "
Catawba
Creveling
Maxatawny
Iona } 27 "
(Rebecca 28 ?)

Rogers Hybrids 25–31 May
Allens Hybrid 27 –
Arnolds Hybrids 27
aestivalis 28–30 May
2–4 June
Canby August 28
Hagar Alvey 28 May
Delaware 30
Bland 30

the doubtless ones 2–4 June

Devereux
Cynthiana } 2 June
Cunningham
Norton's Virg. 3 June
Herbemont
Baldwin Lenoir
Rulander } 4 June

21 May – 4 June

14 days difference

actual difference 11–21 days

Charles just before aestivalis

279

Geo. Engelmann M.D.
N.W. cor Locust & Garrison Ave
St Louis

Sir:

The regular meetings of the Academy of Science, take place every first and third Monday of each month.

Your punctual attendance is requested at such meetings, and especially at the next one, which will be held next Monday, Oct 19

at 7 1-2 P. M., at the Polytechnic Hall.

Dallas Texas   J. Reverchon
writes

Vitis candicans flowers first

V   Lincecumii }
V   cordifolia } come next

and 8-12 days
after this

V.   cinerea ; the last.

280

4 31
7 31
9 22
8 × 252
2016

Davenport, Iowa. Dec. 18th 1878.

Dear Dr. Engelmann

The bearer, Dr Charles Barrois of Lille, France, is making an examination of the principle geological features along the Mississippi, Not knowing any person in St Louis specially interested in Geology I have directed him to you thinking that you might be able to give him some information regarding the geological features of St Louis or at least put him in

Beginning of flowering time according to A. Engelmann

Observations ~~from~~ 1869 – 1874

281

1. Riparia	May 10 – 26	mean	May 21 "	difference in diff't seasons	16 days
2. Labrusca	~~May 13~~ – Jun 3d		May 25	"	19 "
Hartford & Concord	May 15 – Jun 1st	"	May 23	"	16 "
Catawba [illegible]	May 20 – Jun 3d		May 27		14 "
3 Chasselas	May 23 Jun 8		June 2		16 "
4 Aestivalis	May 25 – Jun 14		Jun 3		20
Cunningham	May 25 – Jun 10		Jun 2		16
Herbemont	May 27 – Jun 14		Jun 4		18
(Norton between)					

Earliest begin'g of flowering of Riparia May 10

Latest of Aestivalis Jun 14

time of begin. of flower of	least difference	greatest difference	Mean difference
first Riparia – first Labrusca	2 days	10 days	4 days
first Labrusca – first Aestivalis	8 days	12 "	9 days
Riparia to aestivalis	10 days	22 "	13 ~~days~~

uß der Träger

es

1875.

es Weſtens

uar 1875.

Doch ſo iſt's nicht mit Völkern; die Nationen,
Die ſchaffen ſelber ſich das eig'ne Loos;
Ihr Thun und Handeln muß ſich ſtets belohnen,
Ein Volk, ein ſtarkes, macht ſich ſelber groß.
„Durch Kampf zum Sieg, durch Finſterniß zum Lichte!"
Das iſt das Feldgeſchrei — es führt zum Sieg.
Wer Licht verbreitet, kämpfet guten Krieg;
Sein Name glänzet hell in der Geſchichte.

Denn wer die Kugel heimlich nur entſendet,
Dieweil im offnen Kampf er unterliegt,
Der hat noch nie des Rechtes Lauf gewendet —
Vorbei dem Ziel die feige Kugel fliegt.
Auf die Standarte ſoll das Volk es ſchreiben,
Daß es als Feldgeſchrei die Welt durchdringt
Und als ein mächt'ger Ruf zum Himmel klingt:
„Recht muß für ewig Recht auf Erden bleiben!"

Und ſchrieb das Volk nicht ſchon mit kräft'gen Zügen

July.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
...	...	...	...	...	...	...

August.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
1	2	3	4	5	6	7
8	9	10	11	12	13	14

Time of first flowering observed by Adolf Engelmann

		mean	1869	1870	1871	1872	1873	1874
R	Clinton	May ~~19~~ 21	May 25	May 18	May 3–13	May 15	May 27	May 26
R	Taylor	21	26	18	12	18	28	26
L	Hartford Prolific	23	29	22	13	19	29	27
h	Brant Arnold's hybr						29	28
L	Concord	22	30	in Vineyard 22 (near house 19)		22	Jun 1	28
L	Isabella			(" " 19)		25	2	
h	Rogers hybrids, some with Black Hamburg	25	30	22	16	22	May 30 – 2	
h	" others	27	Jun 1	23	18	25	4–5	
h	Cornucopia Arnold's hybr					19	Jun 2	28
A	Delaware near House		(1)	((21))		25	2	1
L	Iona near House	30		(21)	19	25		
L	Creveling (Labr) Conc	27 27	3	22	18	22	2	1
L	Adirondac		3		16			28
h	~~Last~~ Rogers Hybrids (with Chasselas)	31	3		19–24	25–28	6	
L	Ives	25	3	22	16	21	May 29	27
L	Catawba	27	3	22	21		Jun 2	30
h	Othello Arnold's hybrid					24	4	28
h	Allens Hybrid	27	3	23	19	24	4	30
A	Alvey (aestivalis)	28	3.1	24	19	25	3	Jun 2
L	Maxatawny	27	3	22	17	25	5	May 27
L	Rebecca			24	19			
A	Canby August	28	3					
h	Autuchon (Arnold's hybrid)					25		28
V	Chasselas de Fontainebleau		8		23	Jun. 2	8	Jun 3
V	Clara	June 2						4
A	Devereux		—		25			5
A	Cynthiana		9		26	4		
A	Cunningham	2?	10			2	8	3
	Ar. Bland							[illegible] 2
A	Norton Virginia	3?	11	30	27	4	9	4
A	Herbemont	4½	12	31	26	4	9	5
A	Baldwin Lenoir	4½	15		25	4	8	4
A	Rulander	4½				4	8	5
			latest May 25 – Jun 15	May 18 – May 31	earliest May 12 – May 26	May 15 – Jun 4	May 27 – Jun 9	May 26 – Jun 5
			21 days	14 days	15 days	21 days	14 days	11 days

earliest

1 Riparia

2 Labrusca (Hartford Adirondac Ives Concord are the first) (Catawba Maxatawny Rebecca latest

3 Vinifera (Cat least Chasselas)

4 Aestivalis (Delaware the first)

latest

June 1874

Proportion of Stamens as observed by A. Engelmann

Stamens as long as pistil or shorter
soon recurved

Taylor
Wilder (Rogers 4)
Crowling (Labrusca)
Rogers 22 "Salem"
North Carolina (Labrusca)
Rogers' No 2
" 19. "Merrimac"
" 44
" ~~44~~ 9 "Lindley"
" 3. "Massasoit"
Clara (European vinifera seedling

1. R.
2 L
7 Rogers Hybrids

much longer than pistil
straight

Clinton
Hartford Prolific
h Cornu Copia
Ives
Concord
h Allens hybrid
h Othello
Isabella
Catawba
Martha
Rogers 15 Agawam
— 28 Requa
— 33
A Alvey (Aestivalis)
Maxatawny (= 1873 partly with shorter stamens
= 1874 I find stamens a little longer than pistil
h Autuchon
Rogers 12
Israella (seedling of Isabella
Rogers 34
Delaware
Iona
h Croton an hybrid of L × V
A Summer grapes all.
Del. Virg. Cunning. Herbemont Lenoir Rulander.
Rebecca
Adirondac
Chasselas de Fontainebleau

1 R Norton
Cunningham.
Most L Herbemont
Cynthiana
Bland
All A
all Clinton (♀) hybrids
& Labrusca ♀ hybrids.

Vitis hybrids, Millardet in Journal d'Agriculture
Oct 5 1882

1. V. Solonis parents × riparia × rupestris, candicans
2. Riparia × rupestris
3. Rupestris × candicans, Jaeger, = V. Champini Planchon
4 Riparia × candicans Seeds from England from Iowa
5 Cordifolia × aestivalis Eggert
6 Cordifolia × rupestris Indian territory etc Jaeger
7. Cordifolia × cinerea Eggert ?
8 aestivalis × cinerea (Lincecumi — Eggert ?) sive Herbemont, Cunningham, Rulander etc
9 aestivalis × candicans (Neosho) Jaeger
10 aestivalis × candicans × Lincecumii, Jaeger
Indian Territory

---

pag. 82 July 20 1882, Millardet, time of flowering at Bordeaux

Riparia 3–6 May
Rupestris 10–15 "
Candicans " " "
Chasselas 27–30 "
cordifolia 1–4 June
Lincecumii 8–10 "
Labrusca " "
aestivalis 12–15
monticola 25–30
cinerea 8–12 July rotundifolia same,

283

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved MO

und mit Ihrer gütigen Vorschrift
werden wir eben so sicher auch
noch den Rest bezahlen

Ergebenst
Chas Haubuch & C.

P. S. Werde Ihnen, von nun an jedes
Mal das Geld am 15ten zu schicken
Chas H & C.

In Bordeaux on average soil
the different Grape species
were (in 1874) in full flower:

Riparia (Taylor & Clinton May 24
Labrusca (Isabella Catawba
Madeira Jun 1-10
Delaware " 9
Vinifera " 7
Aestivalis " 7-15

The 3 former matured Sept ~~9~~ 8-25
Vinifera " 22
aestivalis Oct. 1-11

Millardet 1876 p. 30-32

Taylor & Cunningham had the strongest
must (12½-13½) all the other 10 or 11
– Bordeaux wines 10 or 10½
Isabelle is weaker

Office Anzeiger des Westens,

St. Louis, July 6 1876

Mr. Dr Georg Engelmann

Sir:

At a Meeting of the Board of Directors of the **ANZEIGER ASSOCIATION,** *held* July 5th *at the Office of the Corporation, a Dividend of* Six *Dollars, ($* 6.00 *) per share on the Capital Stock of the Corporation has been declared, payable on* demand

CARL DAENZER, Pres't.

~~[illegible] — im Osten — George [illegible] — [illegible]~~
[illegible]

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MO

Millardet 1881

p. 6 V. riparia & cinerea germinate easily
V. aestivalis & cordifolia with difficulty, unless prepared (soaked

9. V. rupestris diaphragm thin

12 V. canadicans does not grow well from cuttings "not well"

13 V. Lincecumii is still worse in this respect
and said to suffer from Phylloxera

16 V. monticola has thin diaphragm like ~~monticola~~ rupestris and riparia and
flowers 8-10 days later than aestivalis

22 V. Delaware is with Herbemont & Jacquez the only American grape which may be cultivated for their fruit. It grows, however, poorly from cuttings and is a poor grower

39. Davin & Despetis have tried to distinguish varieties of riparia but after finding over 100 have given it up.

note Vitis Solonis is probably a hybrid of riparia and rupestris. and as Mr Oberlin says that it has been imported from Arkansas under the name of Longs [Long's Grape!]
[Compare Jaeger's hybrids]

43 flowering in Bordeaux
Riparia 4-24 May
rupestris 8-10 days later
cordifolia 1-24 June
aestivalis 15 June - 4 July
cinerea after July 4

cinerea is not a var of aestivalis!

46 cinerea comes pretty readily from cuttings.
cordifolia sometimes no diaphragm

49 more about the growth from cuttings of the different species

55 le „mildiou" is a thousand times more to be dreaded than the phylloxera

60 Vitis Lincecumii does not better resist phylloxera than Labrusca

71 Aestlander is a hybrid of aestivalis and a Vinifera
American vines resistant to phylloxera are also more or less resistant to Mildew (Peronospora) [?]

72 Oidium is of American origin!!!

74 Peronospora known in Europe since Sept 1st 1878

76 Hybridization of certain American with best Europ. vines is the sovereign remedy for all ills!

78 "Monticola or Berlandieri"?

81 ~~49~~. Clinton & Taylor are not absolutely resistant, because they have Labrusca affinities.

100 Cordifolia or Riparia.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
® MO

Die Verlobung unseres Sohnes Theodor mit Fräulein Ida Steinkauler beehren wir uns hiermit ergebenst anzuzeigen.

Guido Steinkauler
Mary Steinkauler
geb. Angelrodt.

Wiesbaden im October 1881.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MO